

# SAFETY DATA SHEET

Part Number: 42-024-002, 42-984-004, 42-034-007,  
6TNJ3, 6TNJ4, 6TNJ5

## ARCAIR SEA-WELD ELECTRODE



### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

**Trade name** ARCAIR SEA-WELD ELECTRODE

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Not applicable

#### 1.3 Details of the supplier of the safety data sheet

**Supplier** ARCAIR

**Street address** 2800 Airport Road  
76207 Denton

**Telephone** 940-381-1323

#### 1.4 Emergency telephone number

**Emergency phone number** 940-381-1323

**Available outside office hours** Yes

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

The product is not classified

#### 2.2 Label elements

The product do not require labeling

#### 2.3 Other hazards

Not applicable

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Chemical name	CAS No. EC No. REACH No.	Concentration	Classification	R-phrase H-phrase
Steel	-	70 - 90%	-	-

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	- -		-	-
Iron oxide	1309-37-1 215-168-2 -	5 - 15%	- -	- -
Plasticized Vinyl	- - -	<5%	- -	- -
Aluminum	7429-90-5 231-072-3 -	<1%	- -	- -

### Substance additional information

Steel including: Nickel (less than 0.2), Chromium (less than 0.2), Manganese (less than 2)

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Get medical attention/advice if you feel unwell.

**Skin contact** Flush skin with large amounts of water. If irritation develops and persists, get medical attention.

**Eye contact** Flush eyes with water as a precaution.

**Ingestion** DO NOT induce vomiting unless directed to do so by a physician or poison control center.

**Information for doctors** For specialist advice physicians should contact the Poisons Information Service.

### 4.2 Most important symptoms and effects, both acute and delayed

P313 Get medical advice/attention.

### 4.3 Indication of any immediate medical attention and special treatment needed

Not applicable

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Not applicable

### 5.2 Special hazards arising from the substance or mixture

Not combustible.

### 5.3 Advice for firefighters

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Not applicable

Other

### Additional information in case of fire

Not combustible.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Sweep up and shovel into suitable containers for disposal.

### 6.2 Environmental precautions

Not applicable

### 6.3 Methods and material for containment and cleaning up

Not applicable

### 6.4 Reference to other sections

Not applicable

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Preventive handling precautions

No special technical protective measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry place.

### 7.3 Specific end use(s)

Not applicable

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure limits

OSHA PEL (mg/m<sup>3</sup>): Nickel = 1, Chromium = 0.5, Manganese = 5.0, Iron Oxide = 10, Aluminum = 15  
ACGIH TLV (mg/m<sup>3</sup>): Nickel = 0.1, Chromium = 0.5, Manganese = 0.1, Iron Oxide = 5, Aluminum = 1

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### National occupational exposure limits

CAS No.	EC No.	Exposure Limit Values ppm / mg/m <sup>3</sup>		Short term exposure limit ppm / mg/m <sup>3</sup>		Ceiling Limit Value ppm / mg/m <sup>3</sup>		Country
7429-90-5	231-072-3	-	4	-	-	-	-	BA
1309-37-1	-	-	5	-	10	-	-	BA

### 8.2 Exposure controls

Not applicable

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Yellow Plastic
<b>Appearance, colour</b>	Not applicable
<b>Appearance, physical state</b>	Not applicable
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Explosive properties</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Melting point / freezing point</b>	Not applicable
<b>Odour</b>	Not applicable
<b>Odour treshold</b>	Not applicable
<b>Oxidising properties</b>	Not applicable
<b>Partition coefficient: n-octanol / water</b>	Not applicable
<b>pH value</b>	Not applicable
<b>Relative density</b>	Not applicable

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<b>Solubility</b>	Insoluble
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<b>Upper / lower flammability or explosive limits</b>	Not applicable
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<b>Vapour density</b>	Not applicable
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<b>Vapour pressure</b>	Not applicable
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<b>Viscosity</b>	Not applicable
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### 9.2 Other information

Not applicable

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No hazards to be especially mentioned.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Not applicable

### 10.4 Conditions to avoid

Not applicable

### 10.5 Incompatible materials

Not applicable

### 10.6 Hazardous decomposition products

Not applicable

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute toxicity</b>	Not applicable
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<b>Irritation</b>	Not applicable
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<b>Corrosive effects</b>	Not applicable
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<b>Sensitisation</b>	Not applicable
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## ARCAIR SEA-WELD ELECTRODE



**Mutagenicity** Not applicable

**Carcinogenicity** WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm. California Prop. 65

**Repeated dose toxicity** Not applicable

**Reproductive toxicity** Not applicable

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Aquatic** not water endangering

### 12.2 Persistence and degradability

Not inherently biodegradable.

### 12.3 Bioaccumulative potential

Not applicable

### 12.4 Mobility in soil

Not applicable

### 12.5 Results of PBT and vPvB assessment

Not applicable

### 12.6 Other adverse effects

Not applicable

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Disposal considerations** Can be landfilled, when in compliance with local regulations.

## SECTION 14. TRANSPORT INFORMATION

### 14.1 UN number

Not applicable

### 14.2 UN proper shipping name

Not applicable

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#### 14.3 Transport hazard class(es)

Not applicable

#### 14.4 Packing group

Not applicable

#### 14.5 Environmental hazards

Not applicable

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### National regulations

USA: Nickel, Chromium, Manganese regulated under EPCRA section 313

#### 15.2 Chemical safety assessment

Not applicable

## SECTION 16. OTHER INFORMATION

#### Other

##### Additional information

For further information, please also consult our Internet site Information derived from practical experience. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.